

Table A-5. Union Carbide - Distribution of Cancer Risk for Racial and Ethnic Groups

Range of Lifetime Individual Cancer Risk from Facility 7202911 (Chance in One Million) ^a	Number of People within 50 km of the Facility in Different Ranges for Lifetime Cancer Risk ^b					
	Total Population	White	African American	Native American	Other and Multiracial	Hispanic or Latino ^c
0 to < 1	0	0	0	0	0	0
1 to < 5	792,019	381,364	308,368	4,351	37,510	60,425
5 to < 10	194,355	112,498	42,610	483	9,213	29,551
10 to < 20	25,193	14,547	7,968	119	708	1,852
20 to < 30	35,277	12,386	19,618	6	1,294	1,973
30 to < 40	14,234	7,875	4,679	26	319	1,334
40 to < 50	5,847	3,824	1,505	4	17	496
50 to < 100	7,493	4,255	2,832	7	133	267
100 to < 200	4,301	3,424	751	51	30	46
200 to < 300	1,067	580	470	3	1	13
>= 300	112	56	54	0	0	2
Total Number	1,079,898	540,810	388,856	5,048	49,226	95,958
Average Risk (Chance in One Million) ^a	6	6	5	5	4	5

Notes:

^a Modeled risks are for a 70-year lifetime, based on the predicted outdoor concentration and not adjusted for exposure factors. Risks from emissions are modeled at the census block level.

^b Distributions by race are based on demographic information at the census block group level.

^c In order to avoid double counting, the "Hispanic or Latino" category is treated as a distinct demographic category for these analyses. A person is identified as one of five racial/ethnic categories above: White, African American, Native American, Other and Multiracial, or Hispanic/Latino.